LISTING OF CLAIMS

This listing of claims replaces all prior versions and listings of claims in the Application.

1. (**Currently Amended**): A method for searching at least one database having hierarchical data lists, hierarchical data containers, and hierarchical data elements, wherein the search is conducted using statistical matching, the method comprising the steps of:

receiving a search request for data, the search request including ~~associated with a requested hierarchical data list, wherein the request includes~~ a predetermined tolerance and predetermined units;

generating a first statistical curve from ~~data~~ values derived from the search request ~~requested data and the predetermined tolerance~~;

searching at least the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements stored in the at least one database for ~~object store having at least one stored hierarchical data list for~~ data that matches the ~~data associated with the~~ search request~~ed hierarchical data list~~; and

determining whether ~~the~~ at least one of the ~~stored~~ hierarchical data lists, the hierarchical data containers, and the hierarchical data elements stored in the at least one database satisfies the search request.

2. (**Currently Amended**): The method of claim 1, ~~further comprising~~ wherein the step of determining includes generating a second statistical curve ~~for~~ from data stored in the at least one of the ~~stored~~ hierarchical data lists, the hierarchical data containers, and the hierarchical data elements.

3. (**Currently Amended**): The method of claim 2, wherein the step of determining whether the at least one of the ~~stored~~ hierarchical data lists, the hierarchical data containers, and the hierarchical data elements stored in the at least one database satisfies the search request comprises determining an overlap amount of the first statistical curve and the second statistical curve.

4.   (Original): The method of claim 1, further comprising the step of converting the predetermined units to other units.

5.   (Currently Amended): The method of claim 1, further comprising the step of presenting the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request the at least one stored hierarchical data list that satisfies the request.

6.   (Original): The method of claim 1, further comprising the step of presenting a match result notification.

7.   (Original): The method of claim 1, further comprising the step of presenting a non-match result notification.

8.   (Currently Amended): The method of claim 1, further comprising the step of indicating a degree of matching between the requested hierarchical data list and the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request at least one stored hierarchical data list that satisfies the request.

9.   (Previously Presented): The method of claim 2, wherein the first statistical curve and the second statistical curve are based on a normal distribution.

10.   (Original): The method of claim 1, wherein the predetermined tolerance is set by a system administrator.

11.   (Currently Amended): A system for searching at least one database having hierarchical data lists, hierarchical data containers, and hierarchical data elements, wherein the search is conducted using statistical matching, the system comprising:

    a receiving module that receives a search request for data, the search request including associated with a requested hierarchical data list, wherein the request

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~~includes~~ a predetermined tolerance and predetermined units;

a first curve generating module that generates a first statistical curve from ~~data~~ values derived from the <u>search</u> request~~ed data and the predetermined tolerance~~;

a searching module that searches <u>at least the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements stored in the</u> at least one <u>database for</u> ~~object store having at least one stored hierarchical data list for~~ data that matches the ~~data associated with the~~ <u>search</u> request~~ed hierarchical data list~~; and

a <u>search</u> request ~~satisfying~~ determining module that determines whether ~~the~~ at least one <u>of the</u> ~~stored~~ hierarchical data lists<u>, the hierarchical data containers, and the hierarchical data elements</u> satisfies the <u>search</u> request.

12.   **(Currently Amended)**: The system of claim 11, further comprising a second curve generating module that generates a second statistical curve ~~for~~ <u>from data stored</u> <u>in</u> the at least one ~~stored~~ <u>of the</u> hierarchical data list<u>s, the hierarchical data containers, and the hierarchical data elements</u>.

13.   **(Currently Amended)**: The system of claim 12, wherein the <u>search</u> request ~~satisfying~~ determining module comprises an overlap determining module that determines an overlap amount of the first statistical curve and the second statistical curve.

14.   **(Original)**: The system of claim 11, further comprising a converting module that converts the predetermined units to other units.

15.   **(Currently Amended)**: The system of claim 11, further comprising a ~~hierarchical data list~~ presenting module that presents <u>the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request</u> ~~the at least one stored hierarchical data list that satisfies the request~~.

16.   **(Original)**: The system of claim 11, further comprising a match result presenting module that presents a match result notification.

17.   (Original): The system of claim 11, further comprising a non-match presenting module that presents a non-match result notification.

18.   (Currently Amended): The system of claim 11, further comprising an indicating module that indicates a degree of matching between the requested ~~hierarchical~~ data ~~list~~ and the <u>hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request</u> ~~at least one stored hierarchical data list that satisfies the request~~.

19.   (Previously Presented): The system of claim 12, wherein the first statistical curve and the second statistical curve are based on a normal distribution.

20.   (Original): The system of claim 11, wherein the predetermined tolerance is set by a system administrator.

21.   (Currently Amended): A system for <u>searching at least one database having hierarchical data lists, hierarchical data containers, and hierarchical data elements, wherein the search is conducted using</u> statistical matching, <u>the system</u> comprising:

        receiving means for receiving a <u>search</u> request for data<u>, the search request including</u> ~~associated with a requested hierarchical data list, wherein the request includes~~ a predetermined tolerance and predetermined units;

        first curve generating means for generating a first statistical curve from ~~data~~ values derived from the <u>search</u> request~~ed data and the predetermined tolerance~~;

        searching means for searching <u>at least the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements stored in the</u> at least one <u>database</u> for ~~object store~~ having at least one stored hierarchical data list for~~ data that matches the ~~data associated with the~~ <u>search</u> request~~ed hierarchical data list~~; and

        <u>search</u> request ~~satisfying~~ <u>determining</u> means for determining whether ~~the~~ at least one <u>of the</u> ~~stored~~ hierarchical data list<u>s, the hierarchical data containers, and the hierarchical data elements</u> satisfies the <u>search</u> request.

22.   (**Currently Amended**): The system of claim 21, further comprising second curve generating means for generating a second statistical curve ~~for~~ <u>from data stored in the</u> at least one <u>of the</u> ~~stored~~ hierarchical data list<u>s, the hierarchical data containers, and the hierarchical data elements</u>.

23.   (**Currently Amended**): The system of claim 22, wherein the <u>search</u> request ~~satisfying~~ determining means comprises an overlap determining means for determining an overlap amount of the first statistical curve and the second statistical curve.

24.   (**Original**): The system of claim 21, further comprising converting means for converting the predetermined units to other units.

25.   (**Currently Amended**): The system of claim 21, further comprising ~~hierarchical data list~~ presenting means for presenting <u>the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request</u> ~~the at least one stored hierarchical data list that satisfies the request~~.

26.   (**Original**): The system of claim 21, further comprising match result presenting means for presenting a match result notification.

27.   (**Original**): The system of claim 21, further comprising non-match presenting means for presenting a non-match result notification.

28.   (**Currently Amended**): The system of claim 21, further comprising indicating means for indicating a degree of matching between the requested ~~hierarchical~~ data ~~list~~ and the <u>hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request</u> ~~at least one stored hierarchical data list that satisfies the request~~.

29.   (Previously Presented): The system of claim 22, wherein the first statistical curve and the second statistical curve are based on a normal distribution.

30.   (Original): The system of claim 21, wherein the predetermined tolerance is set by a system administrator.

31.   (Currently Amended): A processor readable medium comprising processor readable code for searching at least one database having hierarchical data lists, hierarchical data containers, and hierarchical data elements, wherein the search is conducted using statistical matching, the medium comprising:

        receiving code that causes a processor to receive a search request for data, the search request including ~~associated with a requested hierarchical data list, wherein the request includes~~ a predetermined tolerance and predetermined units;

        first curve generating code that causes ~~a~~ the processor to generate a first statistical curve from ~~data~~ values derived from the search request~~ed data and the predetermined tolerance~~;

        searching code that causes ~~a~~ the processor to search at least the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements stored in the at least one database for ~~object store having at least one stored hierarchical data list for~~ data that matches the ~~data associated with the~~ search request~~ed hierarchical data list~~; and

        search request ~~satisfying~~ determining code that causes ~~a~~ the processor to determine whether ~~the~~ at least one of the ~~stored~~ hierarchical data lists, the hierarchical data containers, and the hierarchical data elements satisfies the search request.

32.   (Currently Amended): The medium of claim 31, further comprising second curve generating code that causes ~~a~~ the processor to generate a second statistical curve ~~for the~~ from data stored in the at least one of the ~~stored~~ hierarchical data lists, the hierarchical data containers, and the hierarchical data elements.

33.   (Currently Amended): The medium of claim 32, wherein the ~~search~~ request ~~satisfying~~ determining code comprises overlap determining code that causes ~~a~~ the processor to determine an overlap amount of the first statistical curve and the second statistical curve.

34.   (Currently Amended): The medium of claim 31, further comprising converting code that causes ~~a~~ the processor to convert the predetermined units to other units.

35.   (Currently Amended): The medium of claim 31, further comprising ~~hierarchical data list~~ presenting code that causes ~~a~~ the processor to present the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request ~~the at least one stored hierarchical data list that satisfies the request~~.

36.   (Currently Amended): The medium of claim 31, further comprising match result presenting code that causes ~~a~~ the processor to present a match result notification.

37.   (Currently Amended): The medium of claim 31, further comprising non-match presenting code that causes ~~a~~ the processor to present a non-match result notification.

38.   (Currently Amended): The medium of claim 31, further comprising indicating code that causes ~~a~~ the processor to indicate a degree of matching between the requested ~~hierarchical~~ data ~~list~~ and the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request ~~at least one stored hierarchical data list that satisfies the request~~.

39.   (Previously Presented): The medium of claim 32, wherein the first statistical curve and the second statistical curve are based on a normal distribution.

40.   (Original): The medium of claim 31, wherein the predetermined tolerance is set by a system administrator.

41.   (Currently Amended): A method for <u>searching at least one database having</u> <u>hierarchical data lists, hierarchical data containers, and hierarchical data elements,</u> <u>wherein the search is conducted using</u> statistical matching, <u>the method</u> comprising the steps of:

receiving a <u>search</u> request for data<u>, the search request including</u> ~~associated with~~ ~~a requested hierarchical data list, wherein the request includes~~ a predetermined tolerance and predetermined units;

generating a first statistical curve from ~~data~~ values derived from the <u>search</u> request~~ed data and the predetermined tolerance~~;

searching <u>at least the hierarchical data lists, the hierarchical data containers, and</u> <u>the hierarchical data elements stored in the</u> at least one <u>database for</u> ~~object store~~ ~~having at least one stored hierarchical data list for~~ data that matches the ~~data~~ ~~associated with the~~ <u>search</u> request~~ed hierarchical data list~~;

generating a second statistical curve ~~for the at least one stored~~ <u>from data stored</u> <u>in at least one of the</u> hierarchical data lists<u>, the hierarchical data containers, and the</u> <u>hierarchical data elements</u>; and

determining whether the ~~at least one stored~~ <u>at least one of the</u> hierarchical data lists<u>, the hierarchical data containers, and the hierarchical data elements</u> satisfies the <u>search</u> request.

42.   (Currently Amended): A system for <u>searching at least one database having</u> <u>hierarchical data lists, hierarchical data containers, and hierarchical data elements,</u> <u>wherein the search is conducted using</u> statistical matching, <u>the system</u> comprising:

a receiving module that receives a <u>search</u> request for data<u>, the search request</u> <u>including</u> ~~associated with a requested hierarchical data list, wherein the request~~ ~~includes~~ a predetermined tolerance and predetermined units;

a first curve generating module that generates a first statistical curve from ~~data~~ values derived from the <u>search</u> request~~ed data and the predetermined tolerance~~;

a searching module that searches <u>at least the hierarchical data lists, the</u> <u>hierarchical data containers, and the hierarchical data elements stored in the</u> at least

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one ~~database for~~ object-store having at least one stored hierarchical data list for data that matches the ~~data associated with the~~ search ~~requested hierarchical data list~~;

a second curve generating module that generates a second statistical curve ~~for~~ from data stored in at least one of the ~~at least one stored~~ hierarchical data lists, the hierarchical data containers, and the hierarchical data elements; and

a request ~~satisfying~~ determining module that determines whether the at least one of the ~~at least one stored~~ hierarchical data lists, the hierarchical data containers, and the hierarchical data elements satisfies the search request.

43. **(Previously Presented)**: A method for searching at least one database having hierarchical data lists, hierarchical data containers, and hierarchical data elements, wherein the search is conducted using statistical matching, the method comprising the steps of:

receiving a search request for data, the search request including ~~associated with a requested hierarchical data list, wherein the request includes~~ a predetermined tolerance and predetermined units;

generating a first statistical curve from ~~data~~ values derived from the search ~~requested data and the predetermined tolerance~~;

searching at least the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements stored in the at least one database for ~~object store having at least one stored hierarchical data list for~~ data that matches the ~~data associated with the~~ search ~~requested hierarchical data list~~;

generating a second statistical curve ~~for the at least one stored~~ from data stored in at least one of the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements; and

determining whether the ~~at least one stored~~ at least one of the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements satisfies the search request, wherein the step of determining comprises determining an overlap amount of the first statistical curve and the second statistical curve.

44.   **(New)** The method of claim 1, further comprising the steps of:

retrieving the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request from the at least one database; and

storing the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements retrieved from the at least one database on a local client terminal.

45.   **(New)** The method of claim 44, wherein the step of retrieving includes performing a single call to a server associated with the at least one database and wherein a subsequent search request first searches the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that are stored locally before requiring another call to the server associated with the at least one database.

46.   **(New)** The system of claim 11, further comprising:

a retrieving module for retrieving the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request from the at least one database; and

a storing module for storing the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements retrieved from the at least one database on a local client terminal.

47.   **(New)** The system of claim 46, wherein the retrieving module retrieves the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request by performing a single call to a server associated with the at least one database and wherein a subsequent search request first searches the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that are stored locally before requiring another call to the server associated with the at least one database.

48.   **(New)** The system of claim 21, further comprising:

retrieving means for retrieving the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request from the at least one database; and

storing means for storing the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements retrieved from that at least one database on a local client terminal.

49.   (New) The system of claim 48, wherein the retrieving means retrieves the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request by performing a single call to a server associated with the at least one database and wherein a subsequent search request first searches the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that are stored locally before requiring another call to the server associated with the at least one database.

50.   (New) The processor readable medium of claim 31, further comprising:

retrieving code that causes the processor to retrieve the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request from the at least one database; and

storing code that causes the processor to store the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements retrieved from that least one database on a local client terminal.

51.   (New) The method of claim 50, wherein the retrieving code further causes the processor to retrieve the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that satisfy the search request by performing a single call to a server associated with the at least one database and wherein a subsequent search request first searches the hierarchical data lists, the hierarchical data containers, and the hierarchical data elements that are stored locally before requiring another call to the server associated with the at least one database.